

2-Ethyl-p-xylene
1758-88-9 | DTXSID0061951

Model Performance

| | |
|-------|------|
| Model | Data |
|-------|------|

Weighted KNN model

| 5-fold CV (75%) | | Training (75%) | | Test (25%) | |
|-----------------|------|----------------|------|------------|------|
| Q2 | RMSE | R2 | RMSE | R2 | RMSE |
| 0.93 | 22.5 | 0.93 | 22.1 | 0.93 | 22.1 |

Model Results

Predicted value: 188 °C

Global applicability domain: Inside

Local applicability domain index: 7.94e-01

Confidence level: 9.51e-01

Nearest Neighbors from the Training Set

| | | |
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| <div>Image not found</div> <div>1,3-Dimethyl-4-ethylbenzene</div> <div>Measured: 188</div> <div>Predicted: 188</div> | <div>Image not found</div> <div>1,3-Dimethyl-5-ethylbenzene</div> <div>Measured: 184</div> <div>Predicted: 188</div> | <div>Image not found</div> <div>1,2-Dimethyl-4-ethylbenzene</div> <div>Measured: 190</div> <div>Predicted: 188</div> |
| <div>Image not found</div> <div>2-Ethyl-p-xylene</div> <div>Measured: 187</div> <div>Predicted: 188</div> | <div>Image not found</div> <div>2-Ethyl-m-xylene</div> <div>Measured: 190</div> <div>Predicted: 188</div> | |